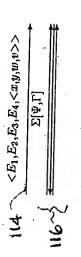
$(h_1)^{r_4}x^{-(a_1+c_1\sigma)}y^{-(b_1+d_1\sigma)}$ 110 1 10% 9011  $s_1, r_1, r_2, r_3, r_4 \overset{R}{\leftarrow} \mathbb{Z}_q \subset E_1 \leftarrow (g^{r_1}, (h_1)^{r_1} x^{s_1}) \subset F_1 \leftarrow (g^{r_1}, (h_1)^{r_1} x^{s_1}) \subset F_2 \subset F_2$  $(g^{r_2},(h_1)^{r_2}y^{s_1})$  $\sigma \leftarrow H(x,y,w)$ 



 $(h_2)^{r'_4} \times (E'_1)^{-(a_2+c_2\sigma)} \times (E'_2)^{-(b_2+d_2\sigma)}$  $\times (E_1)^{-(a_2+c_2\sigma)} \times (E_2)^{-(b_2+d_2\sigma)} \times (E_4)^{s_2}$  $s_2, r_5, r_1', r_2', r_3', r_4' \stackrel{R}{\leftarrow} \mathbb{Z}_q \longrightarrow \iota_{\mathcal{L}\mathcal{O}}$   $E_5 \leftarrow (g^{r_5}, (h_1)^{r_5} x^{e_2} (vx^{-(a_2+c_2\sigma)}_y - (b_2+d_2\sigma))_{s_2})$ 921  $(g^{r_1'}, (h_2)^{r_1'} x^{s_2})$  $\sigma \leftarrow H(x,y,w)$  $E_2' \leftarrow (g^*)$   $E_3' \leftarrow (g^*)$   $E_4' \leftarrow (g^*)$ 

3-136  $<\!E_5, E_1', E_2', E_3', E_4'\!>$ 

 $(\exists \mathbf{8} \searrow w' \leftarrow x^{e_1} (vx^{-(a_1+c_1\sigma)}y^{-(b_1+d_1\sigma)})^{s_1} \cdot E_5[2] \cdot (E_5[1])^{-\beta_1}$ 

output  $\dot{w}/w'$ 

001

